



NOTICE OF PROPOSED AWARD (NOPA)

Cost Share for Federal Funding Opportunities for Energy Research, Development, and Demonstration Grant Funding Opportunity GFO-18-902 July 9, 2019

On August 30, 2018, the California Energy Commission's Electric Program Investment Charge (EPIC) Program released a Grant Funding Opportunity (GFO) titled "Cost Share for Federal Funding Opportunities for Energy Research, Development, and Demonstration" (GFO-18-902). The GFO announced that \$13 million in grant funding was available to provide cost-share funding to applicants that apply for and receive an award under an eligible federal Funding Opportunity Announcement for the following areas:

- 1. Applied Research and Development** – activities that support pre-commercial technologies and approaches that are designed to solve specific problems in the electricity sector. This includes pilot-scale testing activities that are necessary to demonstrate the feasibility of pre-commercial technologies.
- 2. Technology Demonstration and Deployment** – activities that involve the installation and operation of pre-commercial technologies or strategies at a scale sufficiently large and in conditions sufficiently reflective of anticipated actual operating environments to enable appraisal of operational and performance characteristics, and of financial risks.

The Energy Commission received three proposals by the due date of June 17, 2019 for DE-FOA-0002090: Buildings Energy Efficiency Frontiers & Innovation Technologies (BENEFIT) - 2019. The proposals were screened, reviewed, evaluated and scored using the criteria in the solicitation. The proposals passed the application screening.

The attached "Notice of Proposed Award" identifies the applicants selected and recommended for funding by Energy Commission staff and includes the recommended funding amount and score. The total amount recommended is \$1,743,670.

Funding of the proposed projects resulting from this solicitation is contingent upon the approval of these projects at a publicly noticed Energy Commission business meeting and the execution of a grant agreement. If the Energy



CALIFORNIA ENERGY COMMISSION



Commission is unable to timely negotiate and execute a funding agreement with an Applicant, the Energy Commission, at its sole discretion, reserves the right to cancel or otherwise modify the pending award.

This notice is being mailed to all parties who submitted an application to this solicitation and is also posted on the Energy Commission's website at www.energy.ca.gov/contracts/.

For information, please contact Phil Dyer at (916) 654-4651, phil.dyer@energy.ca.gov.

Phil Dyer
Commission Agreement Officer



California Energy Commission

GFO-18-902

Cost Share for Federal Funding Opportunities for Energy Research, Development, and Demonstration

DE-FOA-0002090: Building Energy Efficiency Frontiers & Innovation Technologies (BENEFIT) - 2019

Notice of Proposed Awards

Tuesday, July 9, 2019

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Federal Funds Requested	Score	Award Status
Proposed Awards							
	UC Santa Barbara	High Performance 540 nm LEDs for Solid State Lighting	\$750,000	\$750,000	\$6,000,000	78.33	Awardee- Receive Letter of Intent
	Electric Power Research Institute	Flexible Demand Response Datasets: Characterizing and Quantifying the Performance of Flexible Building Equipment for Delivery of Public Datasets	\$312,500	\$312,500	\$2,500,000	78.00	Awardee- Receive Letter of Intent
	UC Riverside	Cyber-physical Integrated Threat Awareness, Layered Defense, and Attack-Tolerant Control Solution for IoT-based Building Energy Management System	\$681,170	\$681,170	\$2,756,450	75.00	Awardee- Receive Letter of Intent
Total Funding Recommended			\$1,743,670	\$1,743,670	\$11,256,450		
Grand Total			\$1,743,670	\$1,743,670	\$11,256,450		

*All California Energy Commission awards identified in this NOPA are contingent on the applicant receiving a federal award and meeting the requirements in the solicitation manual.